



Central Valley Regional Water Quality Control Board

WATER QUALITY ORDER NO. R5-2022-0058 WASTE DISCHARGE REQUIREMENTS

Effective Date: 14 October 2022

Expiration Date: 14 October 2027

Program Type: Fill/Excavation

Project Type: Residential

Project: Meriam Park Phase H Grading Project (Project)

Applicant: Gonzales Development Company

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Reg. Meas. ID:	448411
Place ID:	882099
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FINDINGS

The California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) hereby finds the following:

1. Application

The Central Valley Water Board received an application from Gonzales Development Company (Permittee) on 3 June 2022. These Waste Discharge Requirements (Order) are for the purpose described in application submitted by the Permittee. The application was deemed complete on 1 July 2022.

2. Project Description

The proposed project involves the placement of approximately 400 cubic yards of fill (soil) into wetland features secondary to the grading of the undeveloped, 10.89-acre project area in Phase H, thereby eliminating all aquatic features present, to prepare the site for the remaining phases of infrastructure and residential development of the Meriam Park Development. Fill activities will impact a total of 0.03 acre of seasonal swale and seasonal wetland and 0.21 acre of vernal pool.

3. Project Location

The Project area lies west of Bruce Rd., south of Humboldt Rd., east of Notre Dame Blvd., and north of Little Chico Creek in Chico, California.

Assessor's Parcel Number: 002-180-198

Section 30, Township 22N, Range 02E, MDB&M

Latitude 39.7380 Longitude: -121.7891

4. Project Impact, Receiving Waters, and Beneficial Uses

Project impact and receiving waters information can be found in Attachment B. Table 1 of Attachment B shows the receiving waters and beneficial uses of waters of the state impacted by the Project. Individual impact location and quantity is shown in Table 2 of Attachment B.

5. Description of Direct Impacts to Waters of the State

Total Project fill/excavation quantities for all impacts are summarized in Table 1 below. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition.

Table 1: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Seasonal Swale	0.026	44	110.91
Seasonal Wetland	0.008	14	39.07
Vernal Pool	0.21	346	439.46

6. Fees Received

An application and project fee of \$5,171.00 was received on 1 July 2022. The fee amount was determined as required by California Code of Regulations, title 23, section 2200(a)(3) and was calculated as Category A - Fill & Excavation Discharges (Fee Code 84) with the dredge and fill fee calculator.

7. Avoidance and Minimization

The project qualified as a Tier 3 project under the State Water Resource Control Board's Procedures for Discharges of Dredged or Fill Material to Waters of the State (Procedures), and the Project is the least environmentally damaging practicable alternative.

To minimize the potential effects of construction on water quality and resources, the Permittee shall implement all measures required as described in the Order and in the Permittee's application and supplemental materials.

8. Compensatory Mitigation

The Permittee is required to provide compensatory mitigation for direct impacts, described in section 5 for permanent impacts.

9. Basin Plan

Receiving waters potentially impacted by this Project are protected in accordance with the *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fifth Edition*, rev. May 2018 (Basin Plan). The plan for the region and other plans and policies may be accessed at the [State Water Resources Control Board's Plans and Policies Web page](http://www.waterboards.ca.gov/plans_policies/) (http://www.waterboards.ca.gov/plans_policies/). The Basin Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies.

10. Waste Discharge Requirements

This Order is adopted pursuant to Water Code section 13263, subdivision (a), which provides, in pertinent part, the following:

The regional board, after any necessary hearing, shall prescribe requirements as to the nature of any proposed discharge, existing discharge, or material change in an existing discharge..., with relation to the conditions existing in the disposal area or receiving waters upon, or into which, the discharge is made or proposed. The requirements shall implement any relevant water quality control plans that have been adopted, and shall take into consideration the beneficial uses to be protected, the water quality objectives reasonably required for that purpose, other waste discharges, the need to prevent nuisance, and the provisions of Section 13241.

Compliance with section 13263, subdivision (a), including implementation of the Basin Plan, is discussed below. The Central Valley Water Board has considered the factors in section 13241 in establishing the requirements in this Order.

11. Antidegradation Policy

State Water Resources Control Board Resolution No. 68-16, "Statement of Policy with Respect to Maintaining High Quality of Waters in California" (Antidegradation Policy), requires that the quality of existing high-quality water be maintained unless any change will be consistent with the maximum benefit to the people of the state, will not unreasonably affect present or anticipated future beneficial uses of such water, and will not result in water quality less than that prescribed in water quality control plans or policies. The Antidegradation Policy further requires best practicable treatment or control of the discharge necessary to assure that pollution or nuisance will not occur and the highest water quality consistent with maximum benefit to the people of the state will be maintained.

12. No Net Loss Policy

Executive Order W-59-93, dated 23 August 1993, establishes a California Wetlands Conservation Policy including an objective to ensure no overall net loss of and a long term net gain in the quantity, quality, and permanence of wetland acreage and values in California (No Net Loss Policy). The State Water Resources Control Board and Regional Water Quality Control Boards are committed to increasing the quantity, quality, and diversity of wetlands that qualify as waters of the state.

13. Compliance with Antidegradation and No Net Loss Policies

Filling wetlands and other waters causes partial or complete loss of the beneficial uses provided by those waters. To reconcile such losses with the State's No Net Loss and Antidegradation Policies, this Order requires adherence to the requirements in the mitigation monitoring and reporting program, including compensatory mitigation for impacts that cannot be feasibly avoided or minimized; implementation of the approved compensatory mitigation plan; and other requirements to minimize the potential effects of construction on water quality and resources. Regarding compensatory mitigation, this Order requires aquatic resource impacts be mitigated at a 1:1 ratio (credits to impacted aquatic resources) by purchasing 0.24 vernal pool preservation credits at Dove Ridge Mitigation Bank.

These measures ensure impacts are mitigated through avoidance and minimization and that unavoidable loss of beneficial uses is offset with appropriate compensatory mitigation. Accordingly, Order requirements are consistent with the provisions of the No Net Loss and Antidegradation Policies.

14. Monitoring and Reporting Requirements

The monitoring and technical reporting provisions in this Order are adopted pursuant to Water Code section 13267, subdivision (b)(1), which provides, in pertinent part, the following:

[T]he regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste ... shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.

The reports required under this Order are necessary to verify and ensure compliance with permitting requirements and protect waters of the state. The burden associated with such reports is reasonable relative to the need for their submission.

15. California Environmental Quality Act (CEQA)

On 19 June 2007, the City of Chico, as lead agency, certified a Final Environmental Impact Report (FEIR) (State Clearinghouse (SCH) No. 2005072045) for the Project and filed a Notice of Determination (NOD) with the Butte County Clerk on 20 June 2007 and filed an NOD at the SCH on 8 June 2021. Pursuant to CEQA, the Central Valley Water Board, as responsible agency, has made Findings of Facts (Findings) which support the issuance of this Order and are included in Attachment C.

16. Liability for Noncompliance

Failure to comply with this Order shall constitute a violation of the Porter-Cologne Water Quality Control Act. The Permittee may then be subject to administrative and/or civil liability pursuant to Water Code sections 13268 and/or 13350. The Central Valley Water Board reserves its right to take any enforcement actions authorized by law.

17. Additional Monitoring and Reporting

In response to a suspected violation of any condition of this Order, the Central Valley Water Board may require the holder of this Order to furnish, under penalty of perjury, any technical or monitoring reports the Water Boards deem appropriate, provided

that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. The additional monitoring requirements ensure that permitted discharges and activities comport with any applicable effluent limitations, water quality standards, and/or other appropriate requirement of state law.

18. Construction General Permit

This Order does not provide coverage under the NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities Order No. 2009-0009-DWQ, as amended.

19. Endangered Species Act

This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish & Wildlife Code, sections 2050-2097) or the federal Endangered Species Act (16 U.S.C. sections 1531-1544). If a "take" will result from any act authorized under this Order held by the Permittee, the Permittee must comply with the California Endangered Species Act and federal Endangered Species Act prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.

20. Public Notice

The tentative Waste Discharge Requirements were publicly noticed with an opportunity to submit written comments pursuant to Water Code section 13167.5.

21. Public Hearing

At a public meeting, the Central Valley Water Board heard and considered all comments pertaining to the discharges regulated under this Order.

22. Petitions for Reconsideration

Any person aggrieved by this action may petition the State Water Board to reconsider this Order in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 et seq. The State Water Board must receive the petition by 5:00 p.m. on the 30th day after the date of this Order; if the 30th day falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions are available on the Internet (at the address below) and will be provided upon request.

[State Water Resources Control Board Law and Regulations for Filing Petitions](http://www.waterboards.ca.gov/public_notices/petitions/water_quality)
(http://www.waterboards.ca.gov/public_notices/petitions/water_quality)

REQUIREMENTS

IT IS HEREBY ORDERED, pursuant to Water Code sections 13263 and 13267, that the Permittee shall comply with the following:

A. Scope

Impacts to waters of the state shall not exceed quantities shown in Table 1.

B. Reporting and Notification Requirements

1. Requirements for the content of the below reporting and notification types are detailed in Attachment D, including specifications for photo and map documentation during the Project, which is incorporated herein by reference.
2. Written reports and notifications must be submitted using the Reporting and Notification Cover Sheet located in Attachment D, which must be signed by the Permittee or an authorized representative.

The Permittee must submit all notifications, submissions, materials, data, correspondence, and reports in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to: centralvalleyredding@waterboards.ca.gov. In the subject line of the email, include the Central Valley Water Board Contact, Project name, and WDID No. Documents that are 50 MB or larger must be transferred to a disk and mailed to the Central Valley Water Board Contact.

3. Project Reporting

- a. **Monthly Reporting:** The Permittee must submit a Monthly Report to the Central Valley Water Board on the **1st day of each month** beginning the month after the submittal of the Commencement of Construction Notification. Monthly reporting shall continue until the Central Valley Water Board issues a Notice of Project Complete Letter to the Permittee.
- b. **Annual Reporting:** The Permittee shall submit an Annual Report each year on the **1st day of the month, one year after the effective date of the Order**. Annual reporting shall continue until the Central Valley Water Board issues a Notice of Project Complete Letter to the Permittee.

4. Project Status Notifications

- a. **Commencement of Construction:** The Permittee shall submit a Commencement of Construction Report at least seven (7) days prior to start of initial ground disturbance activities and, if applicable, and corresponding Waste Discharge Identification Number (WDID#) issued under the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ; NPDES No. CAS000002).

- b. Request for Notice of Completion of Discharges Letter:** The Permittee shall submit a Request for Notice of Completion of Discharges Letter following completion of active Project construction activities, including any required restoration and permittee-responsible mitigation. This request shall be submitted to the Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities. Upon acceptance of the request, Central Valley Water Board staff shall issue a Notice of Completion of Discharges Letter to the Permittee which will end the active discharge period.
- c. Request for Notice of Project Complete Letter:** The Permittee shall submit a Request for Notice of Project Complete Letter when construction and/or any post-construction monitoring is complete, and no further Project activities will occur. Completion of post-construction monitoring shall be determined by Central Valley Water Board staff and shall be contingent on successful attainment of restoration and mitigation performance criteria. This request shall be submitted to Central Valley Water Board staff within thirty (30) days following completion of all Project activities. Upon approval of the request, the Central Valley Water Board staff shall issue a Notice of Project Complete Letter to the Permittee which will end the post discharge monitoring period.

5. Conditional Notifications and Reports:

The following notifications and reports are required as appropriate.

a. Accidental Discharges of Hazardous Materials¹

Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Water Code, section 13271):

- i. As soon as (A) Permittee has knowledge of the discharge or noncompliance, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures then:
 - first call – 911 (to notify local response agency)

¹ "Hazardous material" means any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. "Hazardous materials" include, but are not limited to, hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment. (Health & Safety Code, Section 25501.)

- then call – Office of Emergency Services (OES) State Warning Center at:(800) 852-7550 or (916) 845-8911
 - Lastly, follow the required OES, procedures as set forth in the [Office of Emergency Services' Accidental Discharge Notification Web page](http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill_Booklet_Feb2014_FINAL_BW_Acc.pdf) (http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill_Booklet_Feb2014_FINAL_BW_Acc.pdf).
- ii. Following notification to OES, the Permittee shall notify Central Valley Water Board, as soon as practicable (ideally within 24 hours). Notification may be delivered via written notice, email, or other verifiable means.
 - iii. Within five (5) working days of notification to the Central Valley Water Board, the Permittee must submit an Accidental Discharge of Hazardous Material Report.
- b. Violation of Compliance with Water Quality Standards:** The Permittee shall notify the Central Valley Water Board of any event causing a violation of compliance with water quality standards. Notification may be delivered via written notice, email, or other verifiable means.
- i. This notification must be followed within three (3) working days by submission of a Violation of Compliance with Water Quality Standards Report.
- c. In-Water Work and Diversions:**
- i. The Permittee shall notify the Central Valley Water Board at least forty-eight (48) hours prior to initiating work in water or stream diversions. Notification may be delivered via written notice, email, or other verifiable means.
 - ii. Within three (3) working days following completion of work in water or stream diversions, an In-Water Work/Diversions Water Quality Monitoring Report must be submitted to Central Valley Water Board staff.
- d. Project Modifications**
- Project modifications may require an amendment of this Order. The Permittee shall give advance notice to Central Valley Water Board staff if Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority by submitting a Modifications to Project Report. The Permittee shall inform Central Valley Water Board staff of any Project modifications that will interfere with the Permittee's compliance with this Order. Notification may be made in accordance with conditions in the Project Deviation section of this Order.

e. Transfer of Property Ownership and Long-Term Best Management Practices (BMPs) Maintenance

This Order is not transferable in its entirety or in part to any person or organization except after notice to the Central Valley Water Board in accordance with the following terms:

- i. The Permittee must notify the Central Valley Water Board of any change in ownership or interest in ownership of the Project area by submitting a Transfer of Property Ownership Report. The Permittee and purchaser must sign and date the notification and provide such notification to the Central Valley Water Board at least 10 days prior to the transfer of ownership. The purchaser must also submit a written request to the Central Valley Water Board to be named as the permittee in a revised order. Until such time as this Order has been modified to name the purchaser as the permittee, the Permittee shall continue to be responsible for all requirements set forth in this Order.
- ii. If maintenance responsibility for post-construction BMPs is legally transferred, the Permittee must submit to the Central Valley Water Board a copy of such documentation and must provide the transferee with a copy of a long-term BMP maintenance plan that complies with manufacturer or designer specifications. The Permittee must provide such notification to the Central Valley Water Board with a Transfer of Long-Term BMP Maintenance Report at least 10 days prior to the transfer of BMP maintenance responsibility. Until such time as this Order has been modified to name the transferee as the permittee, the Permittee shall continue to be responsible for all requirements set forth in this Order.

C. Water Quality Monitoring

1. General:

- a. If surface water is present, continuous visual surface water monitoring shall be conducted during active construction periods to detect accidental discharge of construction related pollutants (e.g. oil and grease, turbidity plume, or uncured concrete).
- b. The Permittee shall perform surface water sampling:
 - i. when performing any in-water work;
 - ii. during the entire duration of temporary surface water diversions;
 - iii. in the event that the Project activities result in any materials reaching surface waters; or
 - iv. when any activities result in the creation of a visible plume in surface waters.

- c. Sampling is not required in a wetland where the entire wetland is being permanently filled, provided there is no outflow connecting the wetland to surface waters.

2. Accidental Discharges/Noncompliance:

Upon occurrence of an accidental discharge of hazardous materials or a violation of compliance with a water quality standard, Central Valley Water Board staff may require water quality monitoring based on the discharge constituents and/or related water quality objectives and beneficial uses.

3. Post-Construction:

Visually inspect the Project site during the rainy season for one year following completion of active Project construction activities to ensure excessive erosion, stream instability, or other water quality pollution is not occurring in or downstream of the Project site. If water quality pollution is occurring, contact the Central Valley Water Board staff member overseeing the Project within three (3) working days. The Central Valley Water Board may require the submission of a Violation of Compliance with Water Quality Standards Report. Additional permits may be required to carry out any necessary site remediation.

D. Standard

1. This Order is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330, and California Code of Regulations, title 23, Chapter 6 commencing with sections 2050-2068, inclusive. Additionally, the Central Valley Water Board may review and revise the requirements in this Order as necessary. (Water Code, section 13263, subdivision (e).)
2. This Order is conditioned upon total payment of any fee required under title 23 of the California Code of Regulations and owed by the Permittee.
3. Permitted actions must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving waters as adopted in the Basin Plan of the Central Valley Water Board or any State Water Board water quality control plan or policy. The source of any such discharge must be eliminated as soon as practicable.
4. The Permittee must, at all times, fully comply with engineering plans, specifications, and technical reports submitted to support this Order; and all subsequent submittals required as part of this Order. The conditions within this Order and Attachments supersede conflicting provisions within Permittee submittals.

E. Administrative

1. Signatory requirements for all document submittals required by this Order are presented in Attachment E of this Order.
2. The Permittee shall grant Central Valley Water Board staff, or an authorized representative (including an authorized contractor acting as a Water Board representative), upon presentation of credentials and other documents as may be required by law, permission to:
 - a. Enter upon the Project or compensatory mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records are kept.
 - b. Have access to and copy any records that are kept and are relevant to the Project or the requirements of this Order.
 - c. Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.
 - d. Sample or monitor for the purposes of assuring Order compliance.
3. The Permittee shall be responsible for work conducted by its consultants, contractors, and any subcontractors. A copy of this Order shall be provided to any consultants, contractors, and subcontractors working on the Project. Copies of this Order shall remain at the Project site for the duration of this Order. All personnel performing work on the Project shall be familiar with the content of this Order and its posted location at the Project site.
4. **Lake or Streambed Alteration Agreement:** If applicable, the Permittee shall submit a signed copy of the California Department of Fish and Wildlife's (CDFW) Lake or Streambed Alteration Agreement to the Central Valley Water Board immediately upon execution and prior to any discharge to waters of the state.

F. Construction

1. Dust Abatement:

Dust abatement activities can cause discharges of sediment to streams and uplands through application of water or other fluids. Dust abatement chemicals added to water can be hazardous to wildlife and, if allowed to enter streams, detrimental to water quality. Therefore, dust abatement activities shall be conducted so that sediment or dust abatement chemicals are not discharged into waters of the state. Dust abatement products or additives that are known to be detrimental to water quality or wildlife shall not be used, unless specific management needs are documented, and product-specific application plans are approved by Central Valley Water Board staff.

2. Good Site Management “Housekeeping”

- a. The Permittee shall develop and maintain onsite a project-specific Spill Prevention, Containment and Cleanup Plan outlining the practices to prevent, minimize, and/or clean up potential spills during construction of the Project. The Plan must detail the Project elements, construction equipment types and location, access and staging and construction sequence. The Plan must be made available to the Central Valley Water Board staff upon request.
- b. Refueling of equipment within the floodplain or within 300 feet of the waterway is prohibited. If critical equipment must be refueled within 300 feet of the waterway, spill prevention and countermeasures must be implemented to avoid spills. Refueling areas shall be provided with secondary containment including drip pans and/or placement of absorbent material. No hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, or other construction-related potentially hazardous substances should be stored within a floodplain or within 300 feet of a waterway. The Permittee must perform frequent inspections of construction equipment prior to utilizing it near surface waters to ensure leaks from the equipment are not occurring and are not a threat to water quality.
- c. The Permittee must perform frequent inspections of construction equipment prior to utilizing it near surface waters to ensure leaks from the equipment are not occurring and are not a threat to water quality.
- d. All materials resulting from the Project shall be removed from the site and disposed of properly.

3. Toxic and Hazardous Materials

- a. The discharge of petroleum products, any construction materials, hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, raw cement, concrete or the washing thereof, asphalt, paint, coating material, drilling fluids, or other substances potentially hazardous to fish and wildlife resulting from or disturbed by project-related activities is prohibited and shall be prevented from contaminating the soil and/or entering waters of the state. In the event of a prohibited discharge, the Permittee shall comply with notification requirements in sections B.5.a and B.5.b.
- b. No wet concrete will be placed into wetland habitat.

4. Invasive Species and Soil Borne Pathogens

Prior to arrival at the project site and prior to leaving the project site, construction equipment that may contain invasive plants and/or seeds shall be cleaned to reduce the spread of noxious weeds.

5. Post-Construction Storm Water Management

- a. The Permittee must minimize the short and long-term impacts on receiving water quality from the Project by implementing the following post-construction storm water management practices and as required by the local agency permitting the Project, as appropriate:
 - i. Minimize the amount of impervious surface;
 - ii. Reduce peak runoff flows;
 - iii. Provide treatment BMPs to reduce pollutants in runoff;
 - iv. Ensure existing waters of the state (e.g., wetlands, vernal pools, or creeks) are not used as pollutant source controls and/or treatment controls;
 - v. Preserve and where possible, create or restore areas that provide important water quality benefits, such as riparian corridors, wetlands, and buffer zones;
 - vi. Limit disturbances of natural water bodies and natural drainage systems caused by development (including development of roads, highways, and bridges);
 - vii. Use existing drainage master plans or studies to ensure incorporation of structural and non-structural BMPs to mitigate the projected pollutant load increases in surface water runoff;
 - viii. Identify and avoid development in areas that are particularly susceptible to erosion and sediment loss, or establish development guidance that protects areas from erosion/ sediment loss; and
 - ix. Control post-development peak storm water run-off discharge rates and velocities to prevent or reduce downstream erosion, and to protect stream habitat.
- b. The Permittee shall ensure that all development within the Project provides verification of maintenance provisions for post-construction structural and treatment control BMPs as required by the local agency permitting the Project. Verification shall include one or more of the following, as applicable:
 - i. The developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; or
 - ii. Written conditions in the sales or lease agreement that require the recipient to assume responsibility for maintenance; or
 - iii. Written text in Project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a

homeowner's association, or other appropriate group, for maintenance of structural and treatment control BMPs; or

- iv. Any other legally enforceable agreement that assigns responsibility for storm water BMPs maintenance.

6. Roads

- a. The number of access routes, number and size of staging areas, and the total area of the activity must be limited to the minimum necessary to achieve the project goal. Routes and work area boundaries must be clearly demarcated.
- b. Bridges, culverts, dip crossings, or other structures must be installed so that water and in-stream sediment flow is not impeded. Appropriate design criteria, practices and materials must be used in areas where access roads intersect waters of the state.
- c. Temporary materials placed in any water of the state must be removed as soon as construction is completed at that location, and all temporary roads must be removed or re-contoured and restored according to approved re-vegetation and restoration plans.
- d. Any structure, including but not limited to, culverts, pipes, piers, and coffer dams, placed within a stream where fish (as defined in California Fish and Game Code section 45) exist or may exist, must be designed, constructed, and maintained such that it does not constitute a barrier to upstream or downstream movement of aquatic life, or cause an avoidance reaction by fish due to impedance of their upstream or downstream movement. This includes, but is not limited to, maintaining the supply of water and maintaining flows at an appropriate depth, temperature, and velocity to facilitate upstream and downstream fish migration. If any structure results in a long-term reduction in fish movement, the Permittee shall be responsible for restoration of conditions as necessary (as determined by the Water Board) to secure passage of fish across the structure.
- e. A method of containment must be used below any temporary bridge, trestle, boardwalk, and/or other stream crossing structure to prevent any debris or spills from falling into the waters of the state. Containment must be maintained and kept clean for the life of the temporary stream crossing structure.

7. Sediment Control

- a. Silt fencing, straw wattles, or other effective management practices must be used along the construction zone to minimize soil or sediment along the embankments from migrating into the waters of the state through the entire duration of the Project.

- b. The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the Project area.

8. Stabilization/Erosion Control

- a. All areas disturbed by Project activities shall be protected from washout and erosion.
- b. Hydroseeding shall be performed with California native seed mix.

9. Storm Water

- a. During the construction phase, the Permittee must employ strategies to minimize erosion and the introduction of pollutants into storm water runoff. These strategies must include an effective combination of erosion and sediment control BMPs that are implemented and adequately working prior to the rainy season and during all phases of construction.

G. Compensatory Mitigation for Permanent Impacts

1. Purchase of Mitigation Credits by Permittee for Compensatory Mitigation

- a. A copy of the fully executed agreement for the purchase of mitigation credits shall be provided to the Central Valley Water Board prior to the initiation of in-water work.
- b. The Permittee shall retain responsibility for providing the compensatory mitigation and long-term management until Central Valley Water Board staff has received documentation of the credit purchase and the transfer agreement between the Permittee and the seller of credits.

2. Total Required Compensatory Mitigation

- a. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.026 acre of seasonal swale by purchasing 0.026 vernal pool preservation credits from the Dove Ridge Conservation Bank or by purchasing commensurate credits from an approved mitigation bank.
- b. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.008 acre of seasonal wetland by purchasing 0.008 vernal pool preservation credits from the Dove Ridge Conservation Bank or by purchasing commensurate credits from an approved mitigation bank.
- c. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.21 acre of vernal pool by purchasing 0.21 vernal pool preservation credits from the Dove Ridge Conservation Bank or by purchasing commensurate credits from an approved mitigation bank.

- d. Total required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 2. [Establishment (Est.), Re-establishment (Re-est.), Rehabilitation (Reh.), Enhancement (Enh.), Preservation (Pres.), Unknown].

Table 2: Total Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area

Aquatic Resource Type	Mitigation Type	Units	Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Seasonal Swale	Mitigation Bank	Acres					0.026	
Seasonal Wetland	Mitigation Bank	Acres					0.008	
Vernal Pool	Mitigation Bank	Acres					0.21	

H. Project Deviation

1. Minor modifications of Project locations or predicted impacts may be necessary as a result of unforeseen field conditions, necessary engineering re-design, construction concerns, or similar reasons. Some of these prospective Project modifications may have impacts on water quality. Some modifications of Project locations or predicted impacts may qualify as Project Deviations as set forth in Attachment F. For purposes of this Order, a "Project Deviation" is a Project locational or impact modification that does not require an amendment of the Order because the Central Valley Water Board has determined that any potential water quality impacts that may result from the change are sufficiently addressed by the Order conditions and the CEQA Findings.
2. A Project modification shall not be granted a Project Deviation if it warrants or necessitates changes that are not addressed by this Order or the CEQA environmental document. In this case a supplemental environmental review and/or revised Order will be required.

CERTIFICATION

I, Patrick Pulupa, do hereby certify that the foregoing is a full, true, and correct copy of Waste Discharge Requirements Order R5-2022-0058 adopted by the Central Valley Water Board on 14 October 2022.

PATRICK PULUPA
Executive Officer
Central Valley Regional Water Quality Control Board

- Attachment A:** Project Map
- Attachment B:** Receiving Waters, Impacts, and Mitigation Information
- Attachment C:** CEQA Findings of Facts
- Attachment D:** Report and Notification Requirements
- Attachment E:** Signatory Requirements
- Attachment F:** Project Deviation Procedures

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Figure 1. Project Location

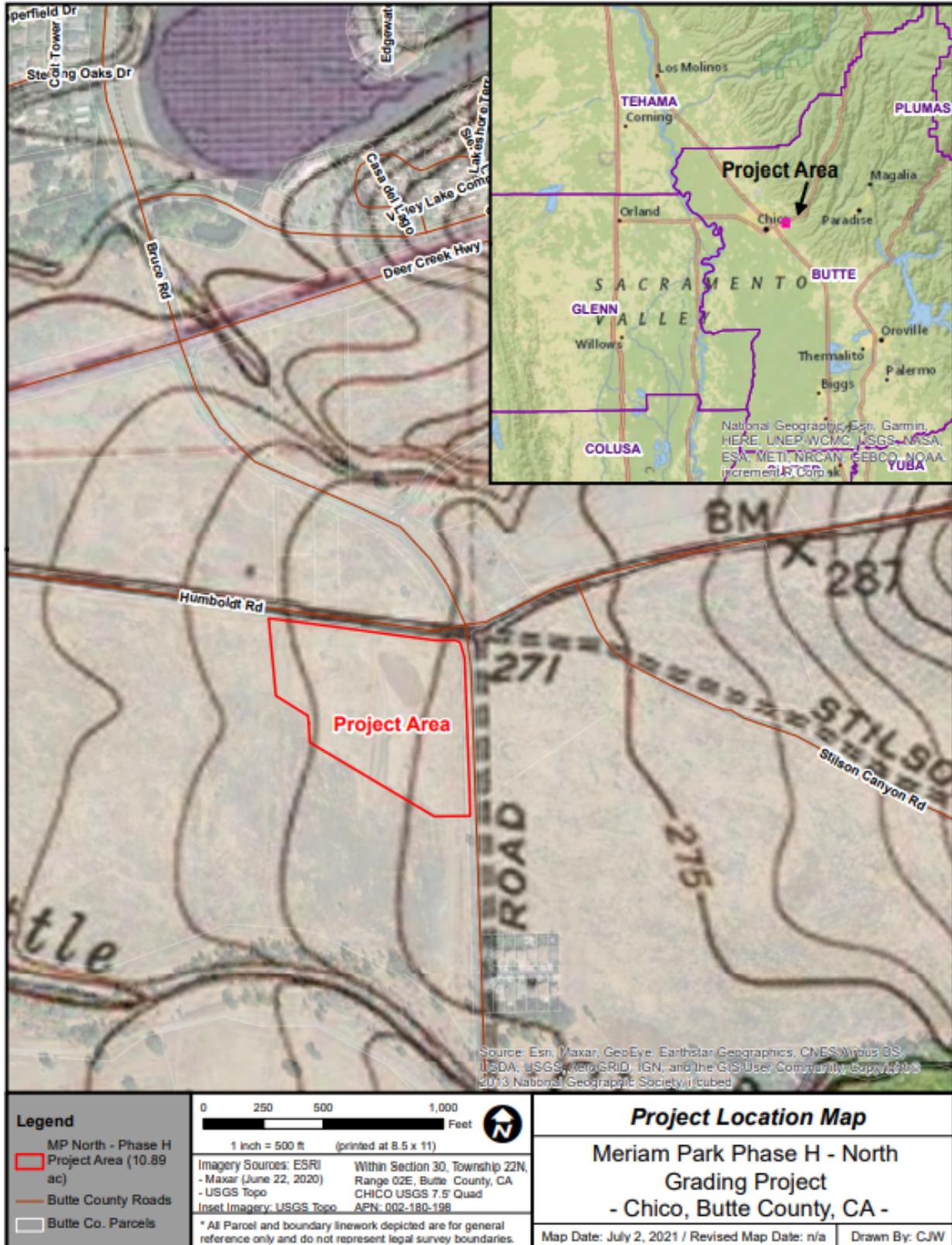


Figure 2. Aquatic Resource Delineation Map

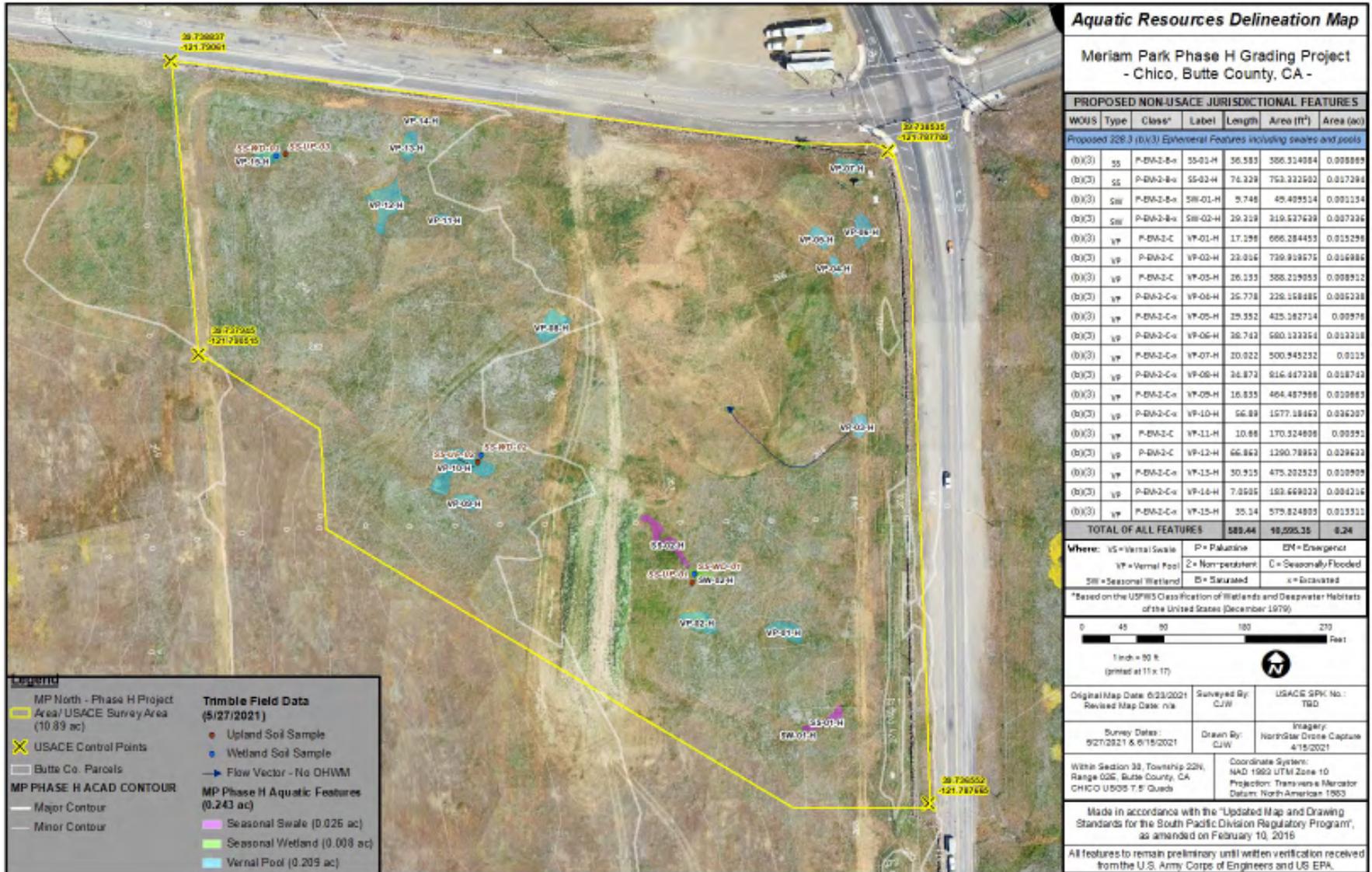
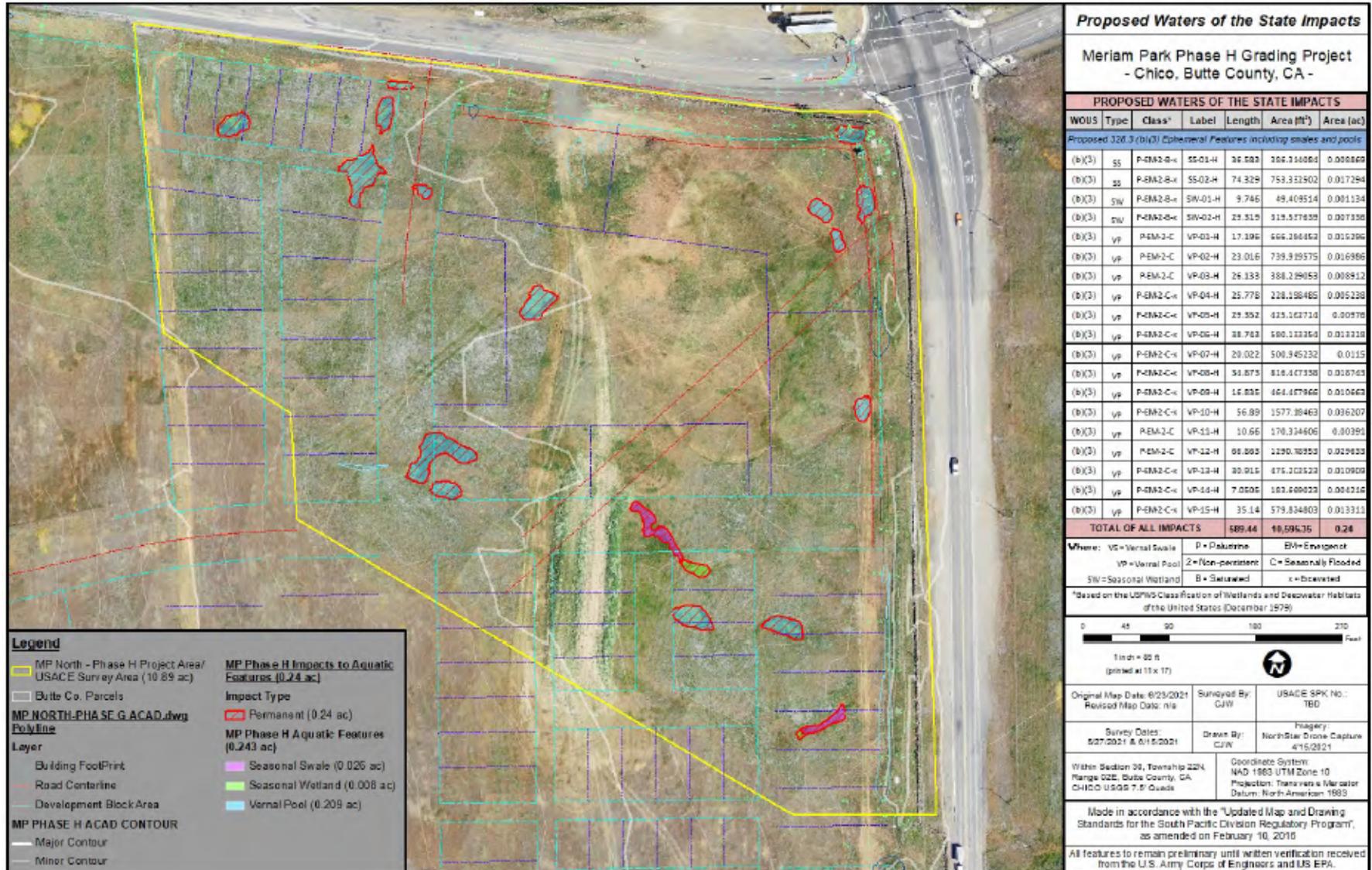


Figure 3. Proposed Waters of the State Impact Map



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Receiving Waters, Impacts and Mitigation Information

The following table shows the receiving waters associated with each impact site.

Table 1: Receiving Water(s) Information

Impact Site ID	Waterbody Name	Impacted Aquatic Resources Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	California Rapid Assessment Method (CRAM) ID
Seasonal Swale	Isolated Seasonal Swale	Seasonal Swale	520.40	Butte Creek – Below Chico, Including Butte Slough	AGR, REC-1, WARM, COLD, MIGR, SPWN, WILD	Not Applicable	Not Applicable
Seasonal Wetland	Isolated Seasonal Wetland	Seasonal Wetland	520.40	Butte Creek – Below Chico, Including Butte Slough	AGR, REC-1, WARM, COLD, MIGR, SPWN, WILD	Not Applicable	Not Applicable
Vernal Pool	Isolated Vernal Pools	Vernal Pool	520.40	Butte Creek – Below Chico, Including Butte Slough	AGR, REC-1, WARM, COLD, MIGR, SPWN, WILD	Not Applicable	Not Applicable

Individual Direct Impact Locations

The following table shows individual impacts.

Table 2: Individual Permanent Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
Seasonal Swale (SS-01-H)	39.7368	-121.7881	No	0.009	15	36.58
Seasonal Swale (SS-02-H)	39.7374	-121.7887	No	0.017	29	74.33
Seasonal Wetland (SW-01-H)	39.7368	-121.7882	No	0.001	2	9.75
Seasonal Wetland (SW-02-H)	39.7373	-121.7885	No	0.007	12	29.32
Vernal Pool (VP-01-H)	39.7371	-121.7882	No	0.015	25	17.20
Vernal Pool (VP-02-H)	39.7371	-121.7886	No	0.017	28	23.02
Vernal Pool (VP-03-H)	39.7377	-121.7879	No	0.009	15	26.13
Vernal Pool (VP-04-H)	39.7382	-121.7880	No	0.005	9	25.78
Vernal Pool (VP-05-H)	39.7383	-121.7881	No	0.010	16	29.35
Vernal Pool (VP-06-H)	39.7383	-121.7879	No	0.013	22	38.74
Vernal Pool (VP-07-H)	39.7385	-121.7879	No	0.012	19	20.02
Vernal Pool (VP-08-H)	39.7380	-121.7891	No	0.019	31	34.87
Vernal Pool (VP-09-H)	39.7375	-121.7895	No	0.011	18	16.84
Vernal Pool (VP-10-H)	39.7376	-121.7895	No	0.036	60	56.89

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
Vernal Pool (VP-11-H)	39.7383	-121.7896	No	0.004	7	10.66
Vernal Pool (VP-12-H)	39.7384	-121.7898	No	0.030	49	66.86
Vernal Pool (VP-13-H)	39.7386	-121.7897	No	0.011	18	30.92
Vernal Pool (VP-14-H)	39.7387	-121.7896	No	0.004	7	7.05
Vernal Pool (VP-15-H)	39.7385	-121.7903	No	0.013	22	35.14

Compensatory Mitigation Information

The following table(s) show individual compensatory mitigation information and locations.

Mitigation Bank Compensatory Mitigation Site Information

Table 3: Mitigation Bank

Mitigation Bank Name:	Dove Ridge Conservation Bank
Website:	Dove Ridge Conservation Bank Wildlands (wildlandsinc.com) (https://www.wildlandsinc.com/banks/dove-ridge-conservation-bank/)
Mitigation Bank Contact Name:	Julie Maddox
Phone:	(916) 435-3555
Email:	jmaddox@heronpacific.com
Mitigation Location - County:	Butte County
Latitude:	39.583
Longitude:	-121.667

Table 4: Mitigation Type Information

Aquatic Resource Credit Type	Acres	Linear Feet	Number of Credits Purchased
Vernal Pool Preservation Credits	0.24		Not Yet Purchased

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A. Environmental Review

On 19 June 2007, the City of Chico, as lead agency, certified a Final Environmental Impact Report (FEIR)) (State Clearinghouse (SCH) No. 2005072045) for the Project and filed a Notice of Determination (NOD) with the Butte County Clerk on 20 June 2007 and filed an NOD at the SCH on 8 June 2021.

The Central Valley Water Board is a responsible agency under CEQA (Public Resources Code, section 21069) and in making its determinations and findings, must presume that the City of Chico's certified environmental document comports with the requirements of CEQA and is valid. (Public Resources Code, section 21167.3.) The Central Valley Water Board has reviewed and considered the environmental document and finds that the environmental document prepared by the City of Chico addresses the Project's water resource impacts. (California Code of Regulations, title 14, section 15096, subd. (f).) The environmental document includes the mitigation monitoring and reporting program (MMRP) developed by the City of Chico for all mitigation measures that have been adopted for the Project to reduce potential significant impacts. (Public Resources Code, section 21081.6, subd. (a)(1); California Code of Regulations, title 14, section 15091, subd. (d).)

B. Incorporation by Reference

Pursuant to CEQA, these Findings of Facts (Findings) support the issuance of this Order based on the Project FEIR, the application for this Order, and other supplemental documentation.

All CEQA project impacts, including those discussed in subsection C below, are analyzed in detail in the Project FEIR which is incorporated herein by reference. The Project FEIR is available at the City of Chico, 411 Main Street, Chico, CA 95928.

Requirements under the purview of the Central Valley Water Board in the MMRP are incorporated herein by reference.

The Permittee's application for this Order, including all supplemental information provided, is incorporated herein by reference.

C. Findings

The FEIR describes the potential significant environmental effects to water resources. Having considered the whole of the record, the Central Valley Water Board makes the following findings:

- (1) Findings regarding impacts that will be avoided or mitigated to a less than significant level. (Public Resources Code, section 21081, subd. (a)(1); California Code of Regulations, title 14, section 15091, subd. (a)(1).)

Changes or alterations have been required in, or incorporated into, the Project which avoid or substantially lessen the significant environmental effect as identified in the FEIR.

a.i. Potential Significant Impact (Biological Resources section of FEIR):

BIO-2: Proposed development would result in direct and indirect impacts to an estimated 0.46 acres of habitat known to support Butte County meadowfoam and an estimated 3.7 acres of potential habitat for vernal pool invertebrates. This would be considered a significant impact subject to mitigation.

a.ii. Facts in Support of Finding:

BIO-2: The applicant shall preserve in perpetuity a minimum of 8.47 acres of occupied Butte County meadowfoam habitat, and 7.40 acres of vernal pool invertebrate habitat. In addition, the applicant shall create or restore a minimum of 3.46 acres of vernal pool invertebrate habitat and ensure that it is protected in perpetuity. To the maximum extent allowed by the permits obtained from the Corps [U.S. Army Corps of Engineers], USFWS [U.S. Fish and Wildlife Service], and RWQCB [Regional Water Quality Control Board], this mitigation shall occur within the proposed 41-acre preserve. It is acknowledged, however, that one or more off-site locations will be needed to fulfill the required mitigation. All sites used to mitigate impacts to Butte County meadowfoam and vernal pool invertebrates shall be approved by the USFWS.

This mitigation shall include a comprehensive interpretive program which controls access to the Preserve and prevents further degradation as a result of increased human activity through restrictive fencing, interpretive signage, limited trail and overlook areas, and prohibition on unleashed pets. The mitigation program shall specify goals and objectives, performance standards and success criteria, maintenance and long-term management responsibilities, monitoring requirements, and contingency measures. Monitoring shall be conducted by the consulting wetland specialist for a minimum of ten years and continue until the success criteria are met. Prior to issuance of any grading or building permits, the applicant shall provide written verification to the Planning Division that the requirements of the Corps, RWQCB, CDFG [California Department of Fish and Game], and USFWS have been satisfied. This mitigation measure applies only to the portions of the Project site north of Little Chico Creek.

Significance after Mitigation

Implementation of Mitigation Measure BIO-2 would reduce the impact to **less than significant with mitigation incorporated.**

b.i. Potential Significant Impact (Biological Resources section of FEIR):

BIO-10: Proposed development would result in direct and indirect impacts to an estimated 6.54 acres of seasonal wetlands that are not otherwise accounted for among the impacts and measures outlined in this EIR. This would be considered a significant impact subject to mitigation.

b.ii. Facts in Support of Finding:

BIO-10: A wetland mitigation program shall be developed and implemented by the applicant and shall be approved by the Corps and RWQCB. Off-site mitigation for the loss of an estimated 6.54 acres of seasonal wetland habitat shall be provided at a minimum 1:1 replacement ratio through a combination of habitat preservation, creation, and restoration. The wetland mitigation program shall specify goals and objectives, performance standards and success criteria, maintenance and long-term management responsibilities, monitoring requirements, and contingency measures. Monitoring shall be conducted by the consulting wetland specialist for a minimum of ten years and continue until the success criteria are met.

Significance after Mitigation

Implementation of Mitigation Measure BIO-10 would reduce the impact to **less than significant with mitigation incorporated.**

c.i. Potential Significant Impact (Hydrology and Drainage section of FEIR):

HYDRO-1: City of Chico guidelines require that the post-project peak discharges for storms not exceed the existing peak discharges for equivalent magnitude storms. As currently proposed, post-development drainage would be to regional detention basins except for a 54-acre portion that would drain towards the proposed treatment wetlands complex to the north of Little Chico Creek. If these wetlands are not designed to provide sufficient capacity and outlet control to maintain discharges to the creek at levels that meet the City of Chico guidelines it would be a *significant* impact.

c.ii. Facts in Support of Finding:

HYDRO-1: The developer shall provide calculations showing that design of the wetlands to treat urban runoff meets the City standard for maintaining post-project peak discharges at existing levels. If the wetland complex is not sufficient to meet this standard it shall be augmented with other facilities or BMP's to meet City standards. The developer shall also prepare a clearly defined Operations and Maintenance Manual (OMM) that identifies the responsible parties and provides adequate funding to maintain the detention facilities. The design and maintenance documents shall include measures to limit vector concerns, especially with respect to control of mosquitoes, and be approved by the City and reviewed by the Caltrans District 3 office, the Butte

County Vector Control District, and the Central Valley Regional Water Quality Control Board (Redding office).

Significance after Mitigation

Implementation of Mitigation Measure HYDRO-1 would reduce the impact to **less than significant with mitigation incorporated.**

d.i. Potential Significant Impact (Hydrology and Drainage section of FEIR):

HYDRO-2: The lack of an erosion control plan would lead to a *significant* impact on surface and ground water quality.

d.ii. Facts in Support of Finding:

HYDRO-2: The developer shall prepare and submit an erosion control plan for each phase of the development. The plan shall be reviewed and approved by the City of Chico and reviewed by the Caltrans District 3 office and the Central Valley Regional Water Quality Control Board (Redding office) prior to issuance of a grading permit for the development. The erosion control plan shall include phasing of grading, limiting areas of disturbance, designation of restricted-entry zones, diversion of runoff away from disturbed areas, protective measures for sensitive areas, outlet protection and provision for revegetation or mulching. The plan shall also prescribe treatment measures to prevent sediment transport and to trap sediment, such as inlet protection, straw bale barriers, straw mulching, straw wattles, silt fencing, check dams, terracing, and siltation or sediment ponds.

Implementation of Mitigation Measure HYDRO-2 would reduce the impact to **less than significant with mitigation incorporated.**

e.i. Potential Significant Impact (Hydrology and Drainage section of FEIR):

HYDRO-3: Because a stormwater master plan, Storm Water Management Plan (SWMP), or Storm Water Pollution Prevention Plan (SWPPP) have not been developed for the Project site, the specific construction-phase housekeeping measures and post-construction source-control and treatment best management practices (BMPs) to treat runoff to required water quality standards remain to be identified. As a result, the development would lead to *significant* impacts on surface and ground water quality.

e.ii. Facts in Support of Finding:

HYDRO-3: The developer shall develop a stormwater master plan and a SWPPP for the Project site. No grading permits or other construction permits for the Project site shall be issued until the developer prepares a SWPPP and the SWPPP is reviewed and approved by the City of Chico and reviewed by the Caltrans District 3 office and the Central Valley Regional Water Quality Control Board (Redding office). The SWPPP shall describe the construction-

phase and post-construction control measures to improve water quality of runoff. Selection and design of the water quality BMPs shall be reviewed and approved by City staff and operations and maintenance considerations shall be described in the SWMP or Operations and Maintenance Manual (OMM) prepared for the treatment facilities.

Implementation of Mitigation Measure HYDRO-3 would reduce the impact to **less than significant with mitigation incorporated.**

f.i. Potential Significant Impact (Hydrology and Drainage section of FEIR):

HYDRO-4: Selection and design of post-construction water quality control measures for the dog park, community garden and rose garden has not yet been completed. Runoff and percolate from these areas can contain elevated levels of nutrients, pesticides and bacteria. Without incorporation of measures to treat storm runoff prior to discharge, potential impacts on surface and ground water quality would be *significant*.

f.ii. Facts in Support of Finding:

HYDRO-4: The management plan for the Greenway shall incorporate post-construction control measures to maintain water quality of runoff and percolate and avoid exceeding water quality objectives prior to discharge to the creek. The Project developer shall provide calculations showing that design of the treatment wetland for the dog park and the retention/infiltration wetlands in the corridor south of the creek meet recognized criteria for design of water quality BMPs. Management measures shall include signage and waste disposal facilities within the dog park, and guidelines regulating chemical use within the community garden and rose garden. An example of a guideline would be signs posted at the gate of the gardens listing approved or allowed pest control or fertilizer materials and stating that use of materials *not* on the list could result in loss of gardening privileges.

Implementation of Mitigation Measure HYDRO-4 would reduce the impact to **less than significant with mitigation incorporated.**

g.i. Potential Significant Impact (Hydrology and Drainage section of FEIR):

HYDRO-5: If not abandoned properly, the former agricultural supply well on the Project site would provide a pathway for groundwater pollution, which would be a *significant* impact.

g.ii. Facts in Support of Finding:

HYDRO-5: Prior to issuance of a grading permit on the north side of Little Chico Creek, the Project developer shall obtain a permit from the Butte County health officer to abandon the well immediately north of the creek on the Project site. The well shall be abandoned consistent with the standards in

Chapter 2, Section 23 of the State of California Bulletin 74-81 (Water Well Standards).

Implementation of Mitigation Measure HYDRO-5 would reduce the impact to **less than significant with mitigation incorporated.**

D. Determination

The Central Valley Water Board has determined that the Project, when implemented in accordance with the MMRP and the conditions in this Order, will not result in any significant adverse water quality or supply impacts. (California Code of Regulations, title 14, section 15096, subd. (h).) The Central Valley Water Board will file a NOD with the SCH within five (5) working days from the issuance of this Order. (California Code of Regulations, title 14, section 15096, subd. (i).)

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REPORTS AND NOTIFICATION REQUIREMENTS

I. Copies of this form

In order to identify your project, it is necessary to include a copy of the Project specific Cover Sheet below with your report; please retain for your records. If you need to obtain a copy of the Cover Sheet, you may download a copy of this Order as follows:

- A. [Central Valley Regional Water Quality Control Board's Adopted Orders Web page](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/401_wqcerts/)
(https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/401_wqcerts/)
- B. Find your Order based on the County, Permittee, WDID No., and/or Project Name.

II. Report Submittal Instructions

- A. Check the box on the Report and Notification Cover Sheet next to the report or notification you are submitting. **(See your Order for specific reports required for your Project).**
 - **Part A (Monthly and Annual Reports):** These reports will be submitted monthly and annually until a Notice of Project Complete Letter is issued.
 - **Part B (Project Status Notifications):** Used to notify the Central Valley Water Board of the status of the Project schedule that may affect Project billing.
 - **Part C (Conditional Notifications and Reports):** Required on a case by case basis for accidental discharges of hazardous materials, violation of compliance with water quality standards, notification of in-water work, or other reports.
- B. Sign the Report and Notification Cover Sheet and attach all information requested for the Report Type.
- C. Electronic Report Submittal Instructions:
 - Submit signed Report and Notification Cover Sheet and required information via email to: centralvalleyredding@waterboards.ca.gov and cc: Daniel.Warner@waterboards.ca.gov.
 - Include in the subject line of the email:
ATTN: Daniel Warner; Meriam Park Phase H Grading Project; and
WDID No. 5A04CR00341

III. Definition of Reporting Terms

- A. Active Discharge Period:** The active discharge period begins with the effective date of this Order and ends on the date that the Permittee receives a Notice of Completion of Discharges Letter or, if no post-construction monitoring is required, a Notice of Project Complete Letter. The Active Discharge Period includes all elements of the Project including site construction and restoration, and any Permittee responsible compensatory mitigation construction.
- B. Request for Notice of Completion of Discharges Letter:** This request by the Permittee to the Central Valley Water Board staff pertains to projects that have post construction monitoring requirements, e.g. if site restoration was required to be monitored for 5 years following construction. Central Valley Water Board staff will review the request and send a Completion of Discharges Letter to the Permittee upon approval. This letter will initiate the post-discharge monitoring period.
- C. Request for Notice of Project Complete Letter:** This request by the Permittee to the Central Valley Water Board staff pertains to projects that either have completed post-construction monitoring and achieved performance standards or have no post-construction monitoring requirements, and no further Project activities are planned. Central Valley Water Board staff will review the request and send a Project Complete Letter to the Permittee upon approval. Termination of annual invoicing of fees will correspond with the date of this letter.
- D. Post-Discharge Monitoring Period:** The post-discharge monitoring period begins on the date of the Notice of Completion of Discharges Letter and ends on the date of the Notice of Project Complete Letter issued by the Central Valley Water Board staff. The Post-Discharge Monitoring Period includes continued water quality monitoring or compensatory mitigation monitoring.
- E. Effective Date:** 14 October 2022

IV. Map/Photo Documentation Information

When submitting maps or photos, please use the following formats.

A. Map Format Information:

Preferred map formats of at least 1:24000 (1" = 2000') detail (listed in order of preference):

- **GIS shapefiles:** The shapefiles must depict the boundaries of all project areas and extent of aquatic resources impacted. Each shape should be attributed with the extent/type of aquatic resources impacted. Features and boundaries should be accurate to within 33 feet (10 meters). Identify datum/projection used and if possible, provide map with a North American Datum of 1983 (NAD83) in the California Teale Albers projection in feet.

- **Google KML files** saved from Google Maps: My Maps or Google Earth Pro. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. Include URL(s) of maps. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
 - **Other electronic format** (CAD or illustration format) that provides a context for location (inclusion of landmarks, known structures, geographic coordinates, or USGS DRG or DOQQ). Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
 - Aquatic resource maps marked on paper **USGS 7.5-minute topographic maps** or **Digital Orthophoto Quarter Quads (DOQQ)** printouts. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
- B. Photo-Documentation:** Include a unique identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.

V. Report and Notification Cover Sheet

Project: Meriam Park Phase H Grading Project
Permittee: Gonzales Development Company
WDID: 5A04CR00341
Reg. Meas. ID: 448411
Place ID: 882099
Order Effective Date: 14 October 2022
Order Expiration Date: 14 October 2027

VI. Report Type Submitted

A. Part A – Project Reporting

Report Type 1 Monthly Report
Report Type 2 Annual Report

B. Part B – Project Status Notifications

Report Type 3 Commencement of Construction
Report Type 4 Request for Notice of Completion of Discharges Letter
Report Type 5 Request for Notice of Project Complete Letter

C. Part C – Conditional Notifications and Reports

Report Type 6 Accidental Discharge of Hazardous Material Report
Report Type 7 Violation of Compliance with Water Quality Standards Report
Report Type 8 In-Water Work/Diversions Water Quality Monitoring Report
Report Type 9 Modifications to Project Report
Report Type 10 Transfer of Property Ownership Report
Report Type 11 Transfer of Long-Term BMP Maintenance Report

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.”

Print Name¹ **Affiliation and Job Title**

Signature **Date**

¹STATEMENT OF AUTHORIZATION (include if authorization has changed since application was submitted)

I hereby authorize _____ to act in my behalf as my representative in the submittal of this report, and to furnish upon request, supplemental information in support of this submittal.

Permittee's Signature **Date**

<p>*This Report and Notification Cover Sheet must be signed by the Permittee or a duly authorized representative and included with all written submittals.</p>

A. Part A – Project Reporting

1. Report Type 1 - Monthly Report

- a. Report Purpose** - Notifies Central Valley Water Board staff of the Project status and environmental compliance activities on a monthly basis.
- b. When to Submit** - On the 1st day of each month until a Notice of Project Complete Letter is issued to the Permittee.
- c. Report Contents** -
 - i. Construction Summary

Describe Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water Best Management Practices (BMPs). Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control. If construction has not started, provide estimated start date.
 - ii. Event Summary

Describe distinct Project activities and occurrences, including environmental monitoring, surveys, and inspections.
 - iii. Photo Summary

Provide photos of Project activities. For each photo, include a unique site identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.
 - iv. Compliance Summary
 - List name and organization of environmental surveyors, monitors, and inspectors involved with monitoring environmental compliance for the reporting period.
 - List associated monitoring reports for the reporting period.
 - Summarize observed incidences of non-compliance, compliance issues, minor problems, or occurrences.
 - Describe each observed incidence in detail. List monitor name and organization, date, location, type of incident, corrective action taken (if any), status, and resolution.

2. Report Type 2 - Annual Report

- a. **Report Purpose** - Notify the Central Valley Water Board staff of Project status during both the active discharge and post-discharge monitoring periods.
- b. **When to Submit** - Annual reports shall be submitted each year on the 1st day of the month, one year after the effective date of the Order. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.
- c. **Report Contents** - The contents of the annual report shall include the topics indicated below for each project period. Report contents are outlined in Annual Report Topics below.

During the Active Discharge Period

- **Topic 1: Construction Summary**
- **Topic 2: Mitigation for Temporary Impacts Status**
- **Topic 3: Compensatory Mitigation for Permanent Impacts Status**

During the Post-Discharge Monitoring Period

- **Topic 2: Mitigation for Temporary Impacts Status**
- **Topic 3: Compensatory Mitigation for Permanent Impacts Status**

- i. Annual Report Topic 1 - Construction Summary

When to Submit - With the annual report during the Active Discharge Period.

Report Contents - Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water best management practices (BMPs). If construction has not started, provide estimated start date and reasons for delay.

- 1) Map showing general Project progress.
- 2) If applicable:
 - a) Summary of Conditional Notification and Report Types 6 and 7 (Part C below).
 - b) Summary of Project Deviations. See Project Deviation Attachment for further information.

- ii. Annual Report Topic 2 - Mitigation for Temporary Impacts Status

When to Submit - With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.

Report Contents -

- 1) Planned date of initiation and map showing locations of mitigation for temporary impacts to waters of the state and all upland areas of temporary disturbance which could result in a discharge to waters of the state.
- 2) If mitigation for temporary impacts has already commenced, provide a map and information concerning attainment of performance standards contained in the restoration plan.
- iii. Annual Report Topic 3 - Compensatory Mitigation for Permanent Impacts Status

When to Submit - With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.

Report Contents - *If not applicable report N/A.

1) Part A. Permittee Responsible

- a) Planned date of initiation of compensatory mitigation site installation.
- b) If installation is in progress, a map of what has been completed to date.
- c) If the compensatory mitigation site has been installed, provide a final map and information concerning attainment of performance standards contained in the compensatory mitigation plan.

2) Part B. Mitigation Bank or In-Lieu Fee

- a) Status or proof of purchase of credit types and quantities.
- b) Include the name of bank/ILF Program and contact information.
- c) If ILF, location of project and type if known.

B. Part B – Project Status Notifications

1. Report Type 3 - Commencement of Construction

- a. **Report Purpose** - Notify Central Valley Water Board staff prior to the start of construction.
- b. **When to Submit** - Must be received at least seven (7) days prior to start of initial ground disturbance activities.
- c. **Report Contents** -
 - i. Date of commencement of construction.
 - ii. Anticipated date when discharges to waters of the state will occur.
 - iii. Project schedule milestones including a schedule for onsite compensatory mitigation, if applicable.
 - iv. Construction Storm Water General Permit WDID No.
 - v. Proof of purchase of compensatory mitigation for permanent impacts from the mitigation bank or in-lieu fee program.

2. Report Type 4 - Request for Notice of Completion of Discharges Letter

- a. **Report Purpose** - Notify Central Valley Water Board staff that post-construction monitoring is required and that active Project construction, including any mitigation and permittee responsible compensatory mitigation, is complete.
- b. **When to Submit** - Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities.
- c. **Report Contents** -
 - i. Status of storm water Notice of Termination(s), if applicable.
 - ii. Status of post-construction storm water BMP installation.
 - iii. Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized.
 - iv. Summary of Project Deviation discharge quantities compared to initial authorized impacts to waters of the state, if applicable.
 - v. An updated monitoring schedule for mitigation for temporary impacts to waters of the state and permittee responsible compensatory mitigation during the post-discharge monitoring period, if applicable.

3. Report Type 5 - Request for Notice of Project Complete Letter

- a. **Report Purpose** - Notify Central Valley Water Board staff that construction and/or any post-construction monitoring is complete, or is not required, and no further Project activity is planned.

b. When to Submit - Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project activities.

c. Report Contents -

i. Part A: Mitigation for Temporary Impacts

- 1) A report establishing that the performance standards outlined in the restoration plan have been met for Project site upland areas of temporary disturbance which could result in a discharge to waters of the state.
- 2) A report establishing that the performance standards outlined in the restoration plan have been met for restored areas of temporary impacts to waters of the state. Pre- and post-photo documentation of all restoration sites.

ii. Part B: Permittee Responsible Compensatory Mitigation

- 1) A report establishing that the performance standards outlined in the compensatory mitigation plan have been met.
- 2) Status on the implementation of the long-term maintenance and management plan and funding of endowment.
- 3) Pre- and post-photo documentation of all compensatory mitigation sites.
- 4) Final maps of all compensatory mitigation areas (including buffers).

iii. Part C: Post-Construction Storm Water BMPs

- 1) Date of storm water Notice of Termination(s), if applicable.
- 2) Report status and functionality of all post-construction BMPs.
- 3) Dates and report of visual post-construction inspection during the rainy season as indicated in Section C.3.

C. Part C – Conditional Notifications and Reports

1. Report Type 6 - Accidental Discharge of Hazardous Material Report

- a. Report Purpose** - Notifies Central Valley Water Board staff that an accidental discharge of hazardous material has occurred.
- b. When to Submit** - Within five (5) working days of notification to the Central Valley Water Board of an accidental discharge. Continue reporting as required by Central Valley Water Board staff.
- c. Report Contents** -
 - i. The report shall include the OES Incident/Assessment Form, a full description and map of the accidental discharge incident (i.e. location, time and date, source, discharge constituent and quantity, aerial extent, and photo documentation). If applicable, the OES Written Follow-Up Report may be substituted.
 - ii. If applicable, any required sampling data, a full description of the sampling methods including frequency/dates and times of sampling, equipment, locations of sampling sites.
 - iii. Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.

2. Report Type 7 - Violation of Compliance with Water Quality Standards Report

- a. Report Purpose** - Notifies Central Valley Water Board staff that a violation of compliance with water quality standards has occurred.
- b. When to Submit** - The Permittee shall report any event that causes a violation of water quality standards within three (3) working days of the noncompliance event notification to Central Valley Water Board staff.
- c. Report Contents** - The report shall include: the cause; the location shown on a map; and the period of the noncompliance including exact dates and times. If the noncompliance has not been corrected, include: the anticipated time it is expected to continue; the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and any monitoring results if required by Central Valley Water Board staff.

3. Report Type 8 - In-Water Work and Diversions Water Quality Monitoring Report

- a. Report Purpose** - Notifies Central Valley Water Board staff of the start and completion of in-water work. Reports the sampling results during in-water work and during the entire duration of temporary surface water diversions.

- b. **When to Submit** – At least forty-eight (48) hours prior to the start of in-water work. Within three (3) working days following the completion of in-water work. Surface water monitoring reports to be submitted two (2) weeks on initiation of in-water construction and during entire duration of temporary surface water diversions. Continue reporting in accordance with the approved water quality monitoring plan.
- c. **Report Contents** - As required by the approved water quality monitoring plan.

4. Report Type 9 - Modifications to Project Report

- a. **Report Purpose** - Notifies Central Valley Water Board staff if the Project, as described in the application materials, is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
- b. **When to Submit** - If Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
- c. **Report Contents** - A description and location of any alterations to Project implementation. Identification of any Project modifications that will interfere with the Permittee's compliance with the Order.

5. Report Type 10 - Transfer of Property Ownership Report

- a. **Report Purpose** - Notifies Central Valley Water Board staff of change in ownership of the Project or Permittee-responsible mitigation area.
- b. **When to Submit** - At least 10 working days prior to the transfer of ownership.
- c. **Report Contents** -
 - i. A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchaser understands and accepts:
 - 1) the Order's requirements and the obligation to implement them or be subject to administrative and/or civil liability for failure to do so; and
 - 2) responsibility for compliance with any long-term BMP maintenance plan requirements in this Order. Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.
 - ii. A statement that the Permittee has informed the purchaser to submit a written request to the Central Valley Water Board to be named as the permittee in a revised order.

6. Report Type 11 - Transfer of Long-Term BMP Maintenance Report

- a. Report Purpose** - Notifies Central Valley Water Board staff of transfer of long-term BMP maintenance responsibility.
- b. When to Submit** - At least 10 working days prior to the transfer of BMP maintenance responsibility.
- c. Report Contents** - A copy of the legal document transferring maintenance responsibility of post-construction BMPs.

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SIGNATORY REQUIREMENTS

All documents submitted in compliance with this Order shall meet the following signatory requirements:

- A.** All applications, reports, or information submitted to the Central Valley Water Quality Control Board (Central Valley Water Board) must be signed and certified as follows:
 - 1.** For a corporation, by a responsible corporate officer of at least the level of vice-president.
 - 2.** For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
 - 3.** For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.

- B.** A duly authorized representative of a person designated in items 1.a through 1.c above may sign documents if:
 - 1.** The authorization is made in writing by a person described in items 1.a through 1.c above.
 - 2.** The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
 - 3.** The written authorization is submitted to the Central Valley Water Board Staff Contact prior to submitting any documents listed in item 1 above.

- C.** Any person signing a document under this section shall make the following certification:

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.”

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PROJECT DEVIATION PROCEDURES

I. Introduction

These procedures are put into place to preclude the need for Order amendments for minor changes in the Project routing or location. Minor changes or modifications in project activities are often required by the Permittee following start of construction. These deviations may potentially increase or decrease impacts to waters of the state. In such cases, a Project Deviation, as defined in Section H of the Order, may be requested by the Permittee as set forth below:

II. Process Steps

- A. Who may apply:** The Permittee or the Permittee's duly authorized representative or agent (hereinafter, "Permittee") for this Order.
- B. How to apply:** By letter or email to the Water Quality Certification Unit staff designated as the contact for this Order.
- C. Project Deviation Request:** The Permittee will request verification from the Central Valley Water Board staff that the project change qualifies as a Project Deviation, as opposed to requiring an amendment to the Order. The request should:
1. Describe the Project change or modification:
 - a. Proposed activity description and purpose;
 - b. Why the proposed activity is considered minor in terms of impacts to waters of the state;
 - c. How the Project activity is currently addressed in the Order; and,
 - d. Why a Project Deviation is necessary for the Project.
 2. Describe location (latitude/longitude coordinates), the date(s) it will occur, as well as associated impact information (i.e., temporary or permanent, federal or non-federal jurisdiction, water body name/type, estimated impact area, etc.) and minimization measures to be implemented.
 3. Provide all updated environmental survey information for the new impact area.
 4. Provide a map that includes the activity boundaries with photos of the site.
 5. Provide verification of any mitigation needed according to the Order conditions.
 6. Provide verification from the CEQA Lead Agency that the proposed changes or modifications do not trigger the need for a subsequent environmental document, an addendum to the environmental document, or a supplemental EIR. (Cal. Code Regs., tit. 14, §§ 15162-15164.)
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D. Post-Discharge Project Deviation Reporting:

1. Within 30 calendar days of completing the approved Project Deviation activity, the Permittee will provide a post-discharge activity report that includes the following information:
 - a. Activity description and purpose;
 - b. Activity location, start date, and completion date;
 - c. Erosion control and pollution prevention measures applied;
 - d. The net change in impact area by water body type(s) in acres, linear feet and cubic yards;
 - e. Mitigation plan, if applicable; and,
 - f. Map of activity location and boundaries; post-construction photos.

E. Annual Summary Deviation Report:

1. Until a Notice of Completion of Discharges Letter or Notice of Project Complete Letter is issued, include in the Annual Project Report (see Construction Notification and Reporting attachment) a compilation of all Project Deviation activities through the reporting period with the following information:
 - a. Site name(s);
 - b. Date(s) of Project Deviation approval;
 - c. Location(s) of authorized activities;
 - d. Impact area(s) by water body type prior to activity in acres, linear feet and cubic yards, as originally authorized in the Order;
 - e. Actual impact area(s) by water body type in, acres, linear feet and cubic yards, due to Project Deviation activity(ies);
 - f. The net change in impact area by water body type(s) in acres, linear feet and cubic yards; and
 - g. Mitigation to be provided (approved mitigation ratio and amount).